WITH THE FARMERS

By Prof. W. F. MASSEY



mproving Stand of Alfalfa. Fluvanna County

but will want something more in the spring for them. I have a piece of good land already plowed and manured,

what can I sow there that will give in the ties that if it pipes and children's purpose will be the Dwarf Esser raph to the growers of hright toluces. It is the excess of organic slow about six pounds of seed an archive the post of the pipe and children's purpose will be the Dwarf Esser raph to the growers of hright toluces. It is the excess of organic slow about six pounds of seed an archive the post of the pipe and the propose of the pipe that the state of the legume crop, and I have mere the state of the legume crop, and I have mere the state of the legume crop, and I have mere the state of the legume crop, and I have mere the state of the legume crop, and the state of the legume crop, which is the propose of automal anti-proposed prowth before the past followed by the state of the state of the legume crop, and the state of the state o

made the finest crop of pea-vine hay that could be grown. The other two bottoms have been pastured and hay cut off. What I want to know is this: The most economical, taking everything into consideration, raw everything into consideration, raw produced phosphate rock, analyzing 34 to a safe to open up for rain. It would be safe to open be sate to open up for rain. It would be an expensive undertaking to proposed limestone that analyzes \$2 per cent carbonate lime and 14 per cent of magnesia? This limestone will cost at my station \$3.95 a ton, and the ground phosphate rock \$7.50 at the ground phosphate rock \$7.50 at the first truck garden, especially the frames, it will pay very well to install the overmill. It is claimed that two tons of bead watering, getting a head from an object to the first station.

ANTI-KAMNIA TABLETS Will Give Your Head a Rest. the limestone an acre will last eight years, and the phosphate people claim that 1,000 pounds an acre will last four years. Now, if I understand correctly, years. Now, if I understand correctly the limestone is used simply to sweeten the soil, but the rock phosphate not only does this, but in addition carries a good percentage of phosphorus, which is badly needed. It takes about half as much as of the limestone, but costs hout twice as much. I understand that the phosphate rock is of no value where land is deficient in humus.

"I also want to know if the lime-stone is of much value where the land is deficient in humus. Is land ever sour when deficient in humus rock, as you may advise?" In the first place, I do not think that it is a good practice to use lime or limestone as a top-dressing on grain. Lime of any sort should be well mixed in the soil no plowed under, but well harrowed in tion with the soil that it is intended to sweeten. So far as the sweetening of an acid soil is concerned, I think that the phosphate rock will have lit-tle effect. The ground linestone will, after a while. If I had rich bottom land that was acid I would use slaked burnt lime for the best immediate effect. I believe that 1,000 pounds of freshly slaked, burnt lime will have a better effect than a ton an acre of the ground limestone, and its effects will last as long. Organic decay will certainly help to make soil acid, but soil can be very acid that is almost totally deficient in humus. Your land needs phosphorus. Then, use the phosphate rock in preference to the ground lime-stone, but do not expect that either of them will rapidly sweeten the soil. them will rapidly sweeten the soil. I take very little interest in the fad now so prevalent for using ground limestone. Some of the advocates of this material would make farmers believe that all that is needed to make land rich is to fill it with ground limestone, but it will not do it. A topdressing of the pulverized phosphate rock may help the cats but I do not think the help the oats, but I do not think that it will have much effect in sweeten-ing the soil. On land that is deficient in humus, I would not say that the pul-verized rock is of no value, but that it will have little immediate effect, but will come into use gradually. As a topdressing I would greatly prefer the phosphate rock, and for sweetening the soil, well slaked, burnt lime, harrowed in after plowing the land for a crop. I think that if you will make a comparison on parts of the same land with the slaked, burnt lime and the limestone, you will find that 1,000 pounds an acre of the burnt lime will have a better effect in sweetening the soil than a ton of ground limestone. And by buying the burnt lime in bulk in carloads, the fresh lump lime will

more than double in bulk in slaking and make it as cheap or cheaper than

the ground rock.
Bright Tobacco After Legumes.

Three years ago, after a crop of peas bright tobacco section cannot practice bright tobacco section cannot practice

after a crop of pease and clover (crimison) I applied 1,500 pounds of lime and fertilized well, and sowed the land to timothy, sapling a good rotation and improve his soil, it will be a heavy drawback to good pounds of lime and sowed the land to timothy, sapling clover and a small quantity of red top, also mixing in some alfalfa seed. This stood for three yars, and after cutting two tons of lime per acre, disked the land well and fertilized liberally, and seeded to affalfa. I now have about \$5 per cent of a full stand of the alfalfa. Do you think that it will pay to sow more alfalfa seed in the spring in February or later to thicken up the stand? Yes, I think that it will pay, if you lightly harrow over the alfalfa and loosen the earth a littel hefore sowing and them roll everything tight again. Sow about ten pounds of seed an acre.

Pasture for Pigs and Chickens.

"I have both wheat and oats sown in September for chickens and pigs, but will want something more in the spring for them. I have a nice of complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many complete with rye as a pulverizer of while many components with the complete with rye as a pulverizer of while many components with the politic many components. The proposing content to be completed in the proposing components of the corn, and supplying simply many over the alfalfa and loosen the cart half and loosen t tilizers. In my opinion, nothing can is in an economic sense."

compete with rye as a pulverizer of White Mr. Van Antwerp was distance the soil even when plowed under quite cussing "bucket shops," which he de-

good land already plowed and manured, what can I sow there that will give the most feed for pigs and chickens? The best thing you can sow for this purpose will be the Dwarf Essex rape. Sow about six pounds of seed an acre.

head watering, getting a head from an elevated tank filled by a gasolene

WOOD'S FAMOUS Brimmer

Tomato.

The Peer of all tomatoes for large, uniform size and superior table qualities. Market growers sell it at more than double the price of ordinary tomatoes.

Wood's 1914 Descriptive Catalog gives reports from customers, showing large profits from growing this variety. Wood's Catalog also tells about all the best

> farm and Garden Seeds.

It is the thirty-fifth year of its issue and is more valuable than ever. Mailed free. Write for it.

T. W. WOOD & SONS. Seedsmen, - Richmond, Va.

SEED

GRASS SEED, ALFALFA, CLOVERS, VETCHES, RAPE, SOJA BEANS, MILLET, COW PEAS, CANE SEED SEED OATS, GRAIN, HAY, DAIRY FEED, POULTRY FEED, Etc. Write for Prices.

Carter, Venable & Co., Inc.

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Governor of New York Stock Exchange Says It Is of Direct Economic Value.

Washington, February 5 .- That stock speculation is of direct economic value because it furnishes the "cpit-

S. H. Hawes and Company

Richmond, Va.

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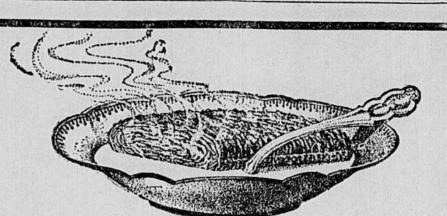
J. B. Watkins & Brother

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Black Beauty Horse and Cattle Powders as a stock condition powder.

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Did you ever visit the shop where your bread is baked? Are you sure it is clean and sanitary? Do you know that the baker selects pure materials of highest quality? You run no risk if you make your bread

Shredded Wheat

It is the real "staff of life," being made from the whole wheat grain, steam-cooked, shredded and baked under conditions that insure its absolute purity and cleanliness. More nourishing than meat or eggs, costs less and is much more easily digested. Supplies the warmth and strength that are needed for chilly days.

> Always heat the Biscuit in oven to restore crispness. Two Shredded Wheat Biscuits with hot milk or cream will supply all the energy needed for a half day's work. Deliciously nourishing when eaten in combination with baked apples, stewed prunes, sliced bananas or canned or preserved fruits. Try toasted Triscuit, the Shredded Wheat wafer, for luncheon with butter, cheese or marmalade.

Made only by The Shredded Wheat Company, Niagara Falls, N. Y.

Washington, February 5.—Postmaster-General Burleson to-day announced that he did not approve of postmasters' conventions under the present conditions. He said too much time is lost on the part of postmasters and other employes, and besides he was "inclined to believe that at this time the tendency of the postal service is toward overorganization."

It was explained, however, that this reference was not to "organization" within the service for official purposes, but to "the numerous national, sectional and State associations of postmasters, clerks, rural and city letter

tional and State associations of post-masters, clerks, rural and city letter carriers."

The activities of such associations, Mr. Burleson said, engross the attention of their officers and agents who are postal employes, and their conventions take a large part of all postal employes away from duty for several days each year.

The Postmaster-General's opinions were get forth in his response to a letter from Senator Hacon, of Georgia, who inquired about the attitude of the department. He wrote the Senate that he believed no great amount of constructive endeavor would be promoted by convention," pointing out that during teh year many new appointments will be made of postmasters, and those whose terms of office are about to expire are not likely to be interested. When the tentative plans now being promulgated by the department's experts are matured, and more generally understood by the postmasters, Mr. Burleson, sald "such conventions can be made of great use in promoting an exchange of views in promoting the postmasters and of soking difficulties of administration. At the present, time, however, it is essential that the postmasters be kept at their posts of duty.

OPERATION OF TARIFF LAW

Shows Decreased Exportations to South America and Increased Importations. [Special to The Times-Dispatch.] Washington, February 5.—Operation of the Underwood-Simmons tariff law decreased United States exportations to South America and increased importa-tions during December, 1913, the De-partment of Commerce announced to-

partment of Commerce announced to-day.

Imports from Argentina during that month totaled \$4,569,424; from Brazil, \$14,178,032; from Chile, \$2,486,934; from Peru, \$1,162,345, and from Uruguay, \$176,495. For December, 1912, the fig-ures were: Argentina, \$2,535,843; Bra-zil, \$11,954,543; Chile, \$1,595,859; Peru, \$689,266, and Uruguay, \$106,966. The exports from the United States to Argentina for December, 1912, ag-gregated \$4,737,855; to Brazil, \$2,128,-997; to Chile, \$1,917,991; to Peru, \$694,-418, and to Uruguay, \$108,886. The ex-ports for December, 1912, were: Argen-tina, \$4,882,955; Brazil, \$3,291,858; Chile, \$1,643,597; Peru, \$642,401, and Uruguay, \$546,858.

WHISTLING BUOYS AT WRECK

Will Be Pinced at Seene of Disaster Until the Monroe Is Raised. [Special to The Times-Dispatch.] Washington, February 5.—Captain Chisholm, of the revenue cutter Onon-day that he did not think it advission to day that he did not think it advission. The recommends that whisting busys be placed about the wreek. It is the disposition of the owners of the vessel—the Old Dominion Line—to remove the Monroe Intact, as soon at the day that he did not think it advission. The recommends that whisting busys be placed about the wreek. It is the disposition of the owners of the vessel—the Old Dominion Line—to day that he did not think it advission. The recommends that whisting busys be placed about the wreek. It is the disposition of the owners of

Tion To Pinchot.

Progress on Him to Oppose Peurose for Senate.

Harrish S. February 5.—Clifford Pinchot, form States, to mile for Committee the United States, to mile for United States Senator from P. Insylvania to succeed Boise Peurose. The invitation was extended in a resolution, unanimously adopted at a conference of Washington party leaders, group chairmen, committeemen and officials held here to-day.

Gilbert College Loses.
Salem, Va., February 5.—In a fast and notly-contested game the Roanoke College basketball team defeated Gilbert College here to-night by the score of 26 to 17.

Wilson Goes to Red Sox.

Boston, February 5.—George P. Wilson, who as first baseman of the Lynn team, led the New England League in batting, and base-stealing last year, to-day signed a contract with the Boston Americans.

RULES COMMITTEE

Burleson Thinks Postmasters and Call for Meeting Issued by Secretary John B. Foster for February 9.

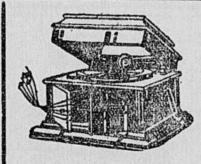
February 9.

New York, February 5.—John B. Foster, secretary of the New York National League Ciub, to-day sent out a call for a meeting of the National League rules committee to be held here February 5. The committee consists of Foster, Manager Miller Huggins, of St. Louis, and Umpire Henry O'Day.

Later next week the National League rules committee will hold a joint meeting with the American League committee, which is made up of President Han Johnson, Charles W. Somers, of Cleveland, and Connie Mack, manager of the Athetics. The committees will strive to have all rules interpreted the same way in both leagues. At present there is a difference of opinion on the Infleid fly rule. A new rule, more specifically defining a baik, may be passed, while a rule will be passed covering a case where an umpire is nit by a thrown bail.

A meeting of the banquet committee for the world's tourist, reception was held to-day. It was attended by President Harry N. Hempstead, of the Giants; President William F. Baker, of the Philadelphia Nationals.





\$1.00 WEEKLY The one standard Talking Machine of the world,

The Columbia Grafonola Favorite with a full outfit of double-disc

records, \$50.50. Columbia Double-Disc Sample Record, 25c. Important Notice.

All Columbia Records can be played on Victor Talking Ma-chines. Likewise all Columbia instruments will play Victor Records. FALKING MACHINE CO., THE TALKING

704 East Main Street.

REARRANGE number in each row so total of each will be 15. To the two NEATEST correct answers will be given one lot free at Somerville, N. Y. Contest closes Feb. 22. JAMES REALTY CO., 2005 Webster Ave., N. Y. City.

City Auditorium—Mme. Alda in Concert.

Academy—Elmer Dwiggins's Travelogue, "Around the World in Two Hours," matince and night.

Bijou—Grayce Scott Company in "Merely Many Ann."

Lyric—Keith Vaudeville, matince and night.

Well Worth Seeing and Hearing. Mr. Dwiggins has well named travelogue, for it takes precisely hours to present a photographic

Men Welcome

Mother's Friend

ADuty that Every Man Owea to Those who Perpetua. e the Race.

It is just as important that men should know of progressive methods in advance of motherhood. The suffering incident to child-bearing can be easily avoided by having at hand a bottle of Mother's Friend.

This is a penetral ing, external application that relieves all tension upon the muscles and enables then bligaments. Thus there is avoided nervous sickness is counteracted, and a bright, happy disposition is preserved that reflects wonderfully upon the chareter and tension are not of many and the suffering reason of the present of the little one soon to come. Tou can obtain a bottle of "Mother's Friend" Friend" at any drug stere at \$1.00. It preserves the mother's health, enables her in the present of the little one soon to come. Tou can obtain a bottle of "Mother's Friend" at any drug stere at \$1.00. It preserves the mother's health, enables her in the present of the little one soon to come. To can obtain a bottle of "Mother's Friend" at any drug stere at \$1.00. It preserves the mother's health, enables her in the preserves the mother's

MISS DECK DELIGHTS
PHILITARMONIC AUDIENCE

The climax of the Richmond Philharmonic concert last night was reached when a little girl of thirteen. Miss ida Deck, crossed the stage to the soloist's chair at the piano and played Mendelssohn's Concerto in G minor with brilliance, finish and expression. Every member of the audience and of the orchestra will have cause in future years to look back and recall this first public appearance of Miss Deck.

The first movement of this concerto was taken at concert speed, and the soloist developed an astonishing power, with such brilliant accuracy and precision as to delight the most careful critics. But the surprise came in the second movement, in which the astonishing matureness of expression was at once evident. Passages which the ordinary child would play in a lifeless, artificial manner were brought out by Miss Deck with those delicate nuances which are characte listic of the artist. The final presto movement was carried to a close with fire and power. And the last note brought forth the most enthusiastic applause of the orchestra

evening.

The splendid work of the orchestra

The splendid work of the orchestra in accompanying Miss Deck must be mentioned. Many of the numbers on the program showed off the organization to excellent advantage, but the test of its attainments lay in the artistic manner in which it supported the diminutive artist.

The other striking feature of this concert was the performance, for the first time, and under the composer's baton, of Mr. Watson's "Caprice." Mr. Watson has written some most enjoyable and noteworthy music for this orchestra, ills "Nocturne" and "Rem-

iniscence" were true poems in conceptional League.

From present indications the banquet will be greatly over-subscribed.

Traffle Managers Meet To-Day.
[Special to The Times-Dispatch.] New York, February 5.—Traffle managers of Eastern raliroads will hold a conference to-morrow at the Trunk Line Association with a view to taking some action relative to the abolition of rebates on "industrial lines," as declared by Interstate Commerce Commission.

Held for Embezzlement.
[Special to The Times-Dispatch.]
Norfolk, Va., February 5.—Paul Sherbrow of Baltimore, was arrested in Portsmouth to-day for the Baltimore authorities on the charge of embezzlement. Sherbrow arrived there yesterday. He was accompanied by a young woman, whom he claimed was his bride.

AMUSEMENTS.



Grocery **Specials**

Dressed Hens, lb.200 Best Flour, sack35c Sliced Ham, lb.25c Irish Potatoes, peck30c Good Lard, lb.121/20 Yellow Peaches, can 121/20 3 cans Best Corn.....250 Fat PorkIIc All Kinds of Fresh Meats, Vegetables and Fruits at Lowest Cash Prices.

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